

Fig. 1 PRIOR ART

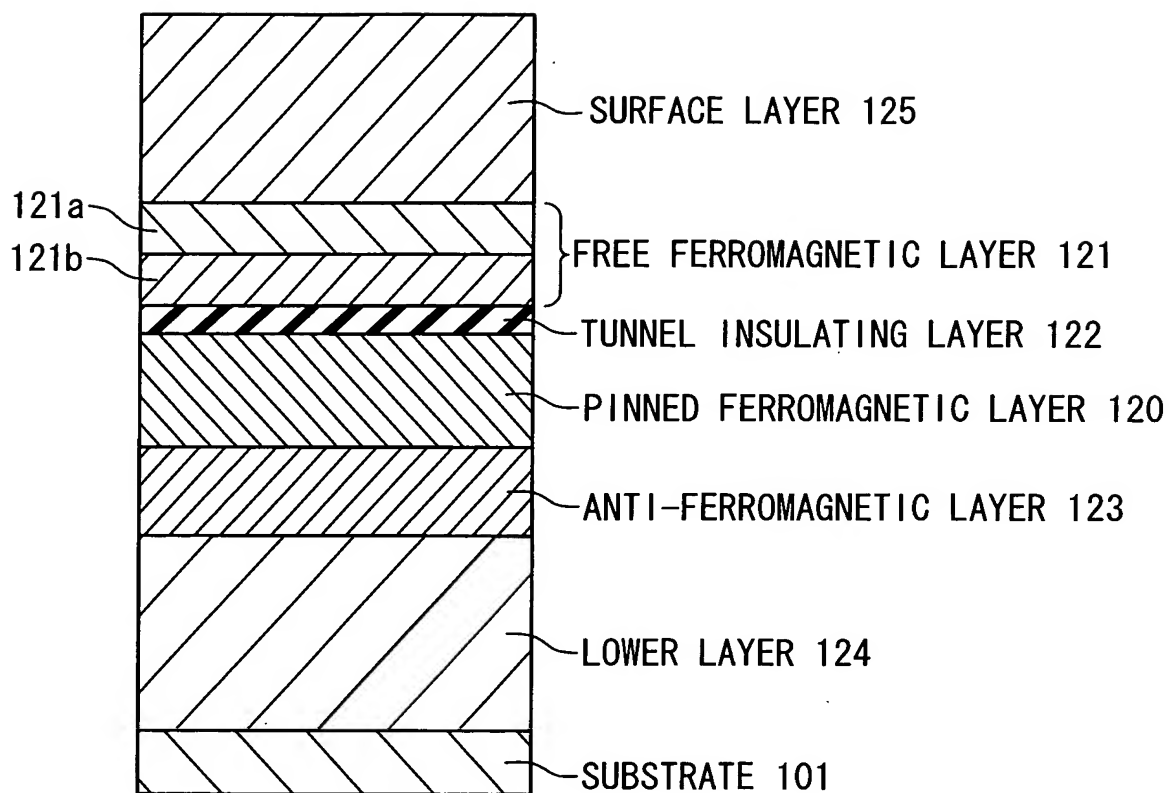


Fig. 2

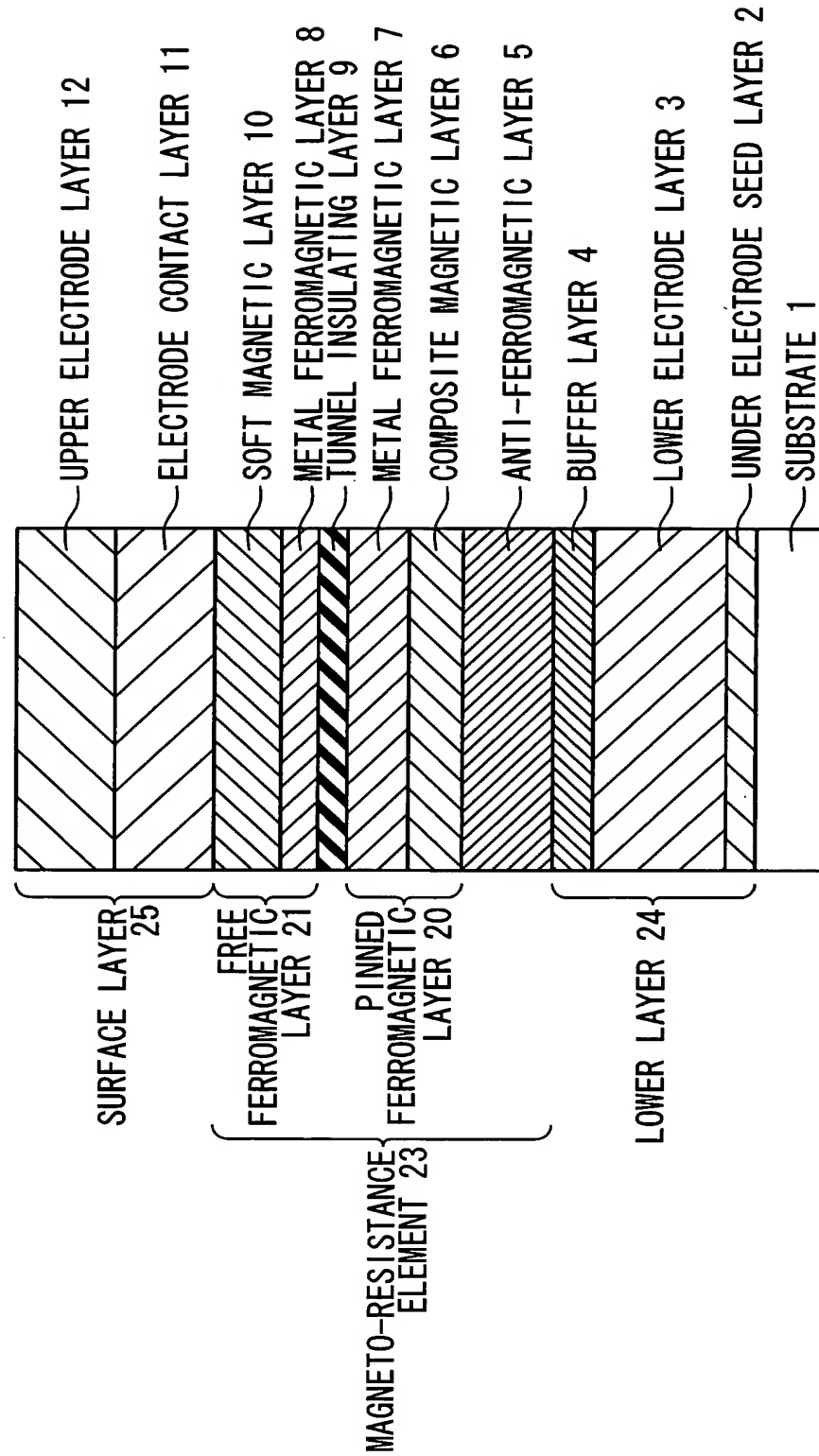
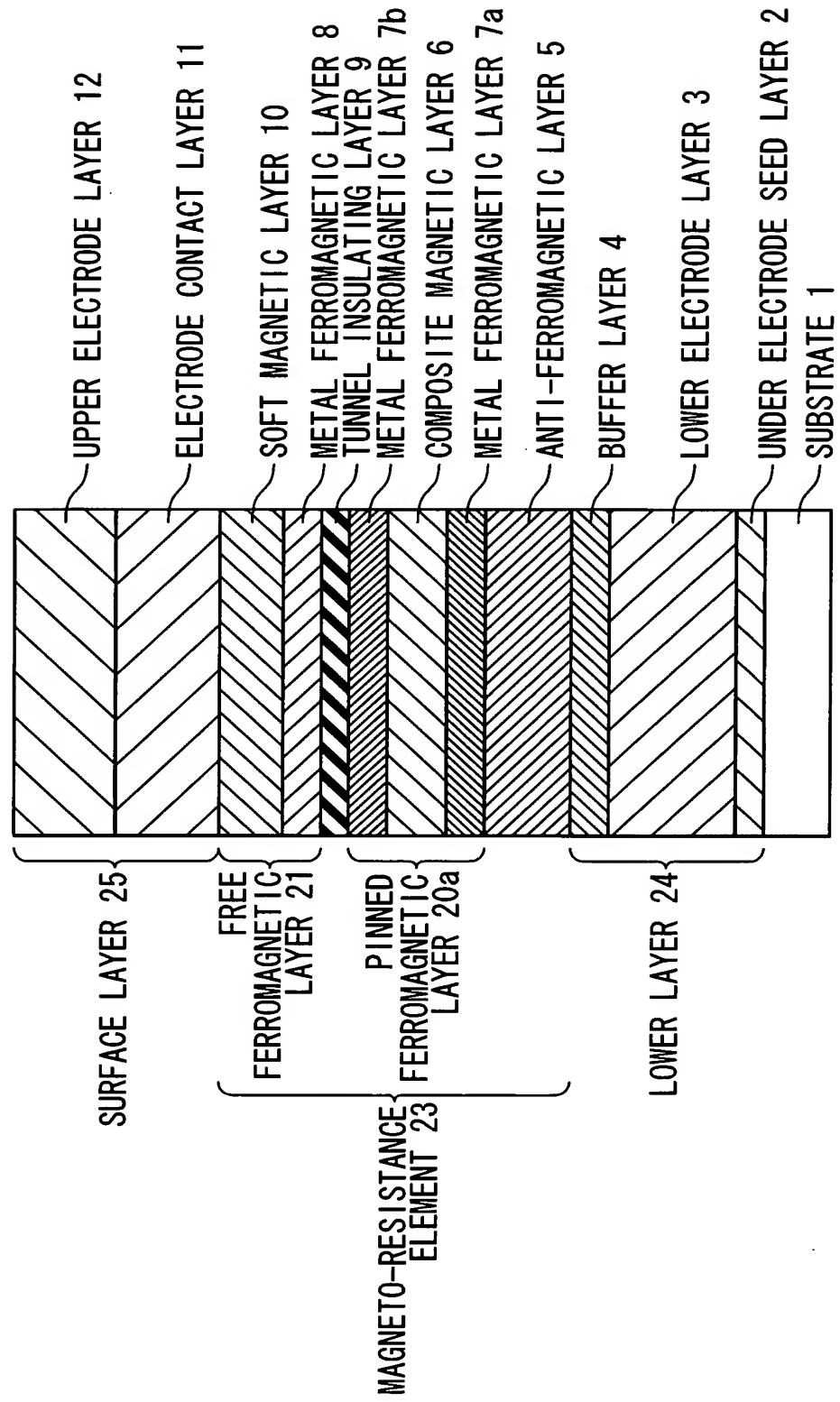
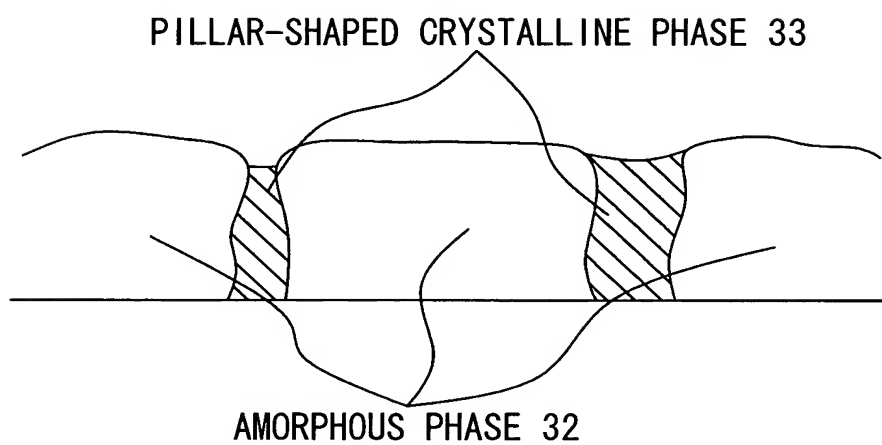


Fig. 3



F i g . 4



F i g . 5

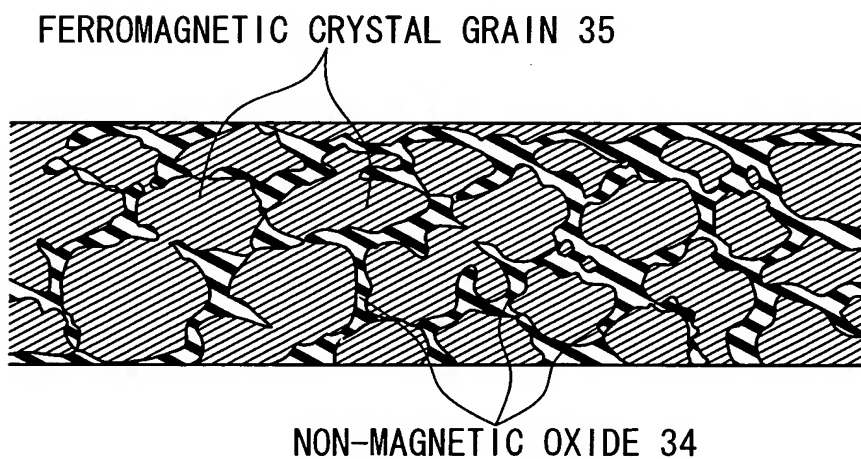
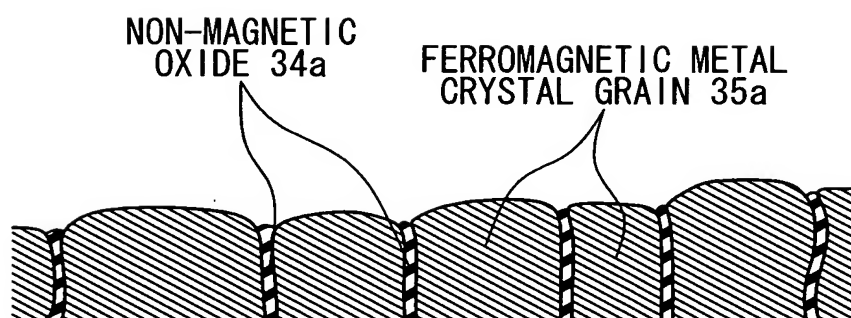
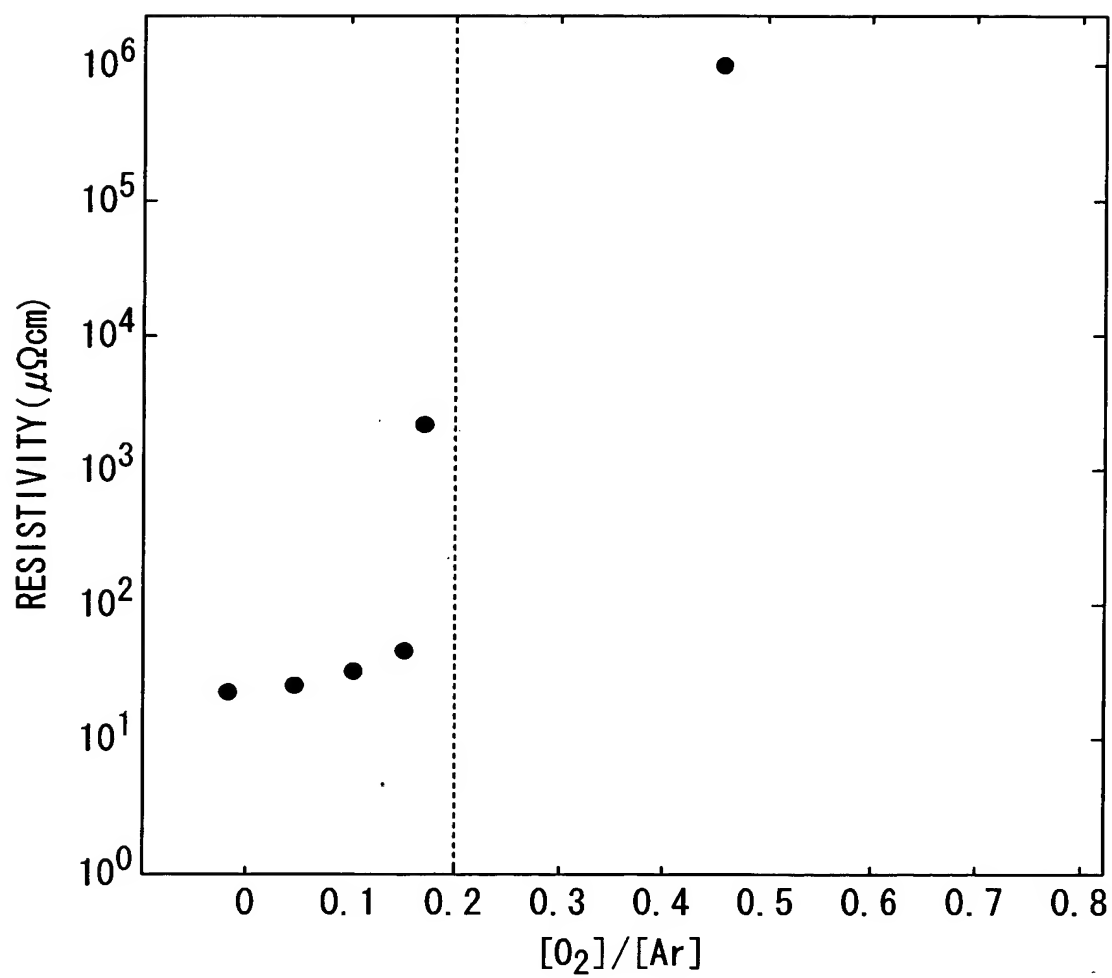


Fig. 6



F i g . 7



F i g . 8

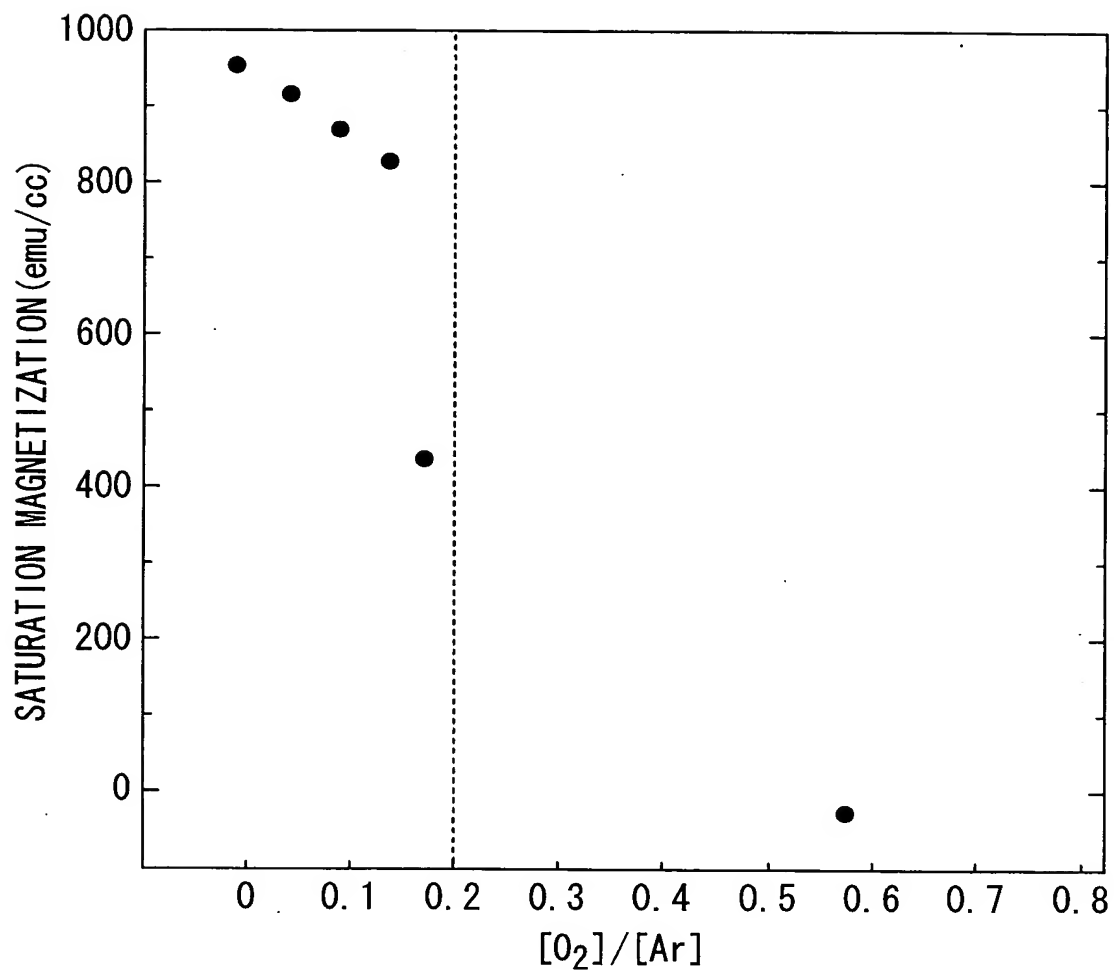


Fig. 9

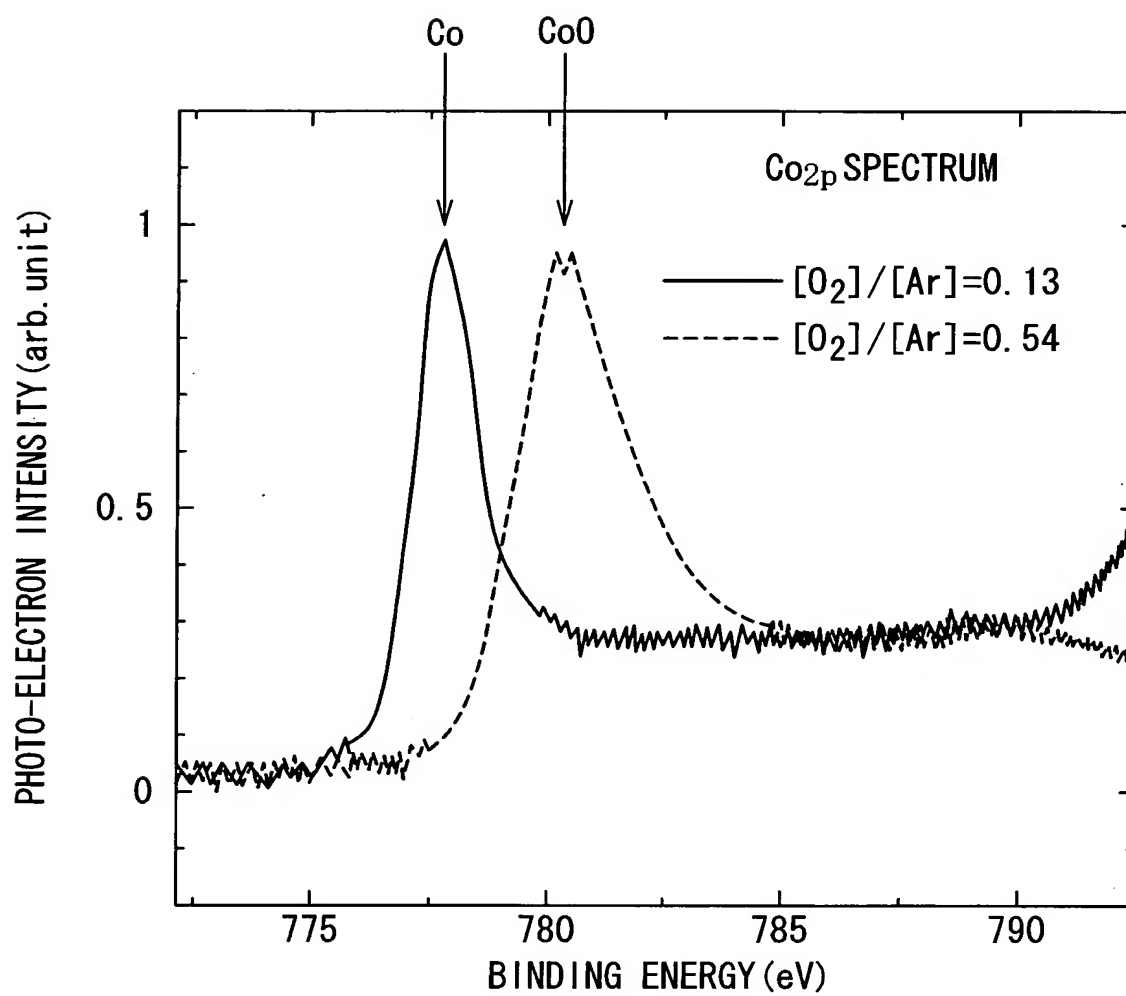


Fig. 10

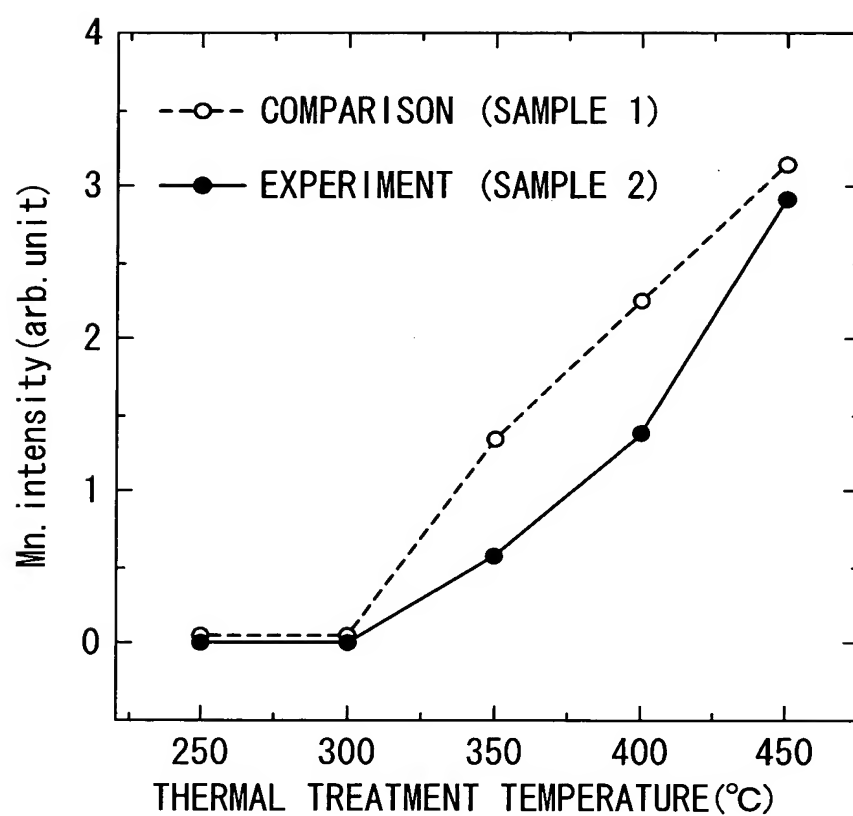


Fig. 11

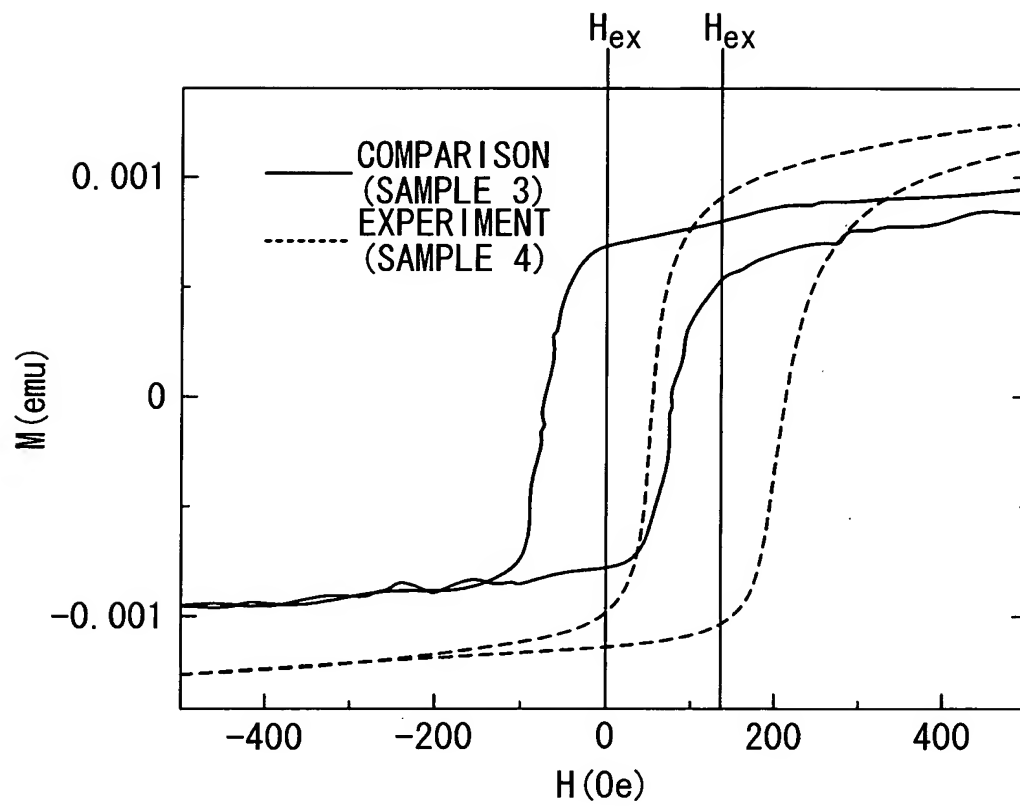


Fig. 12

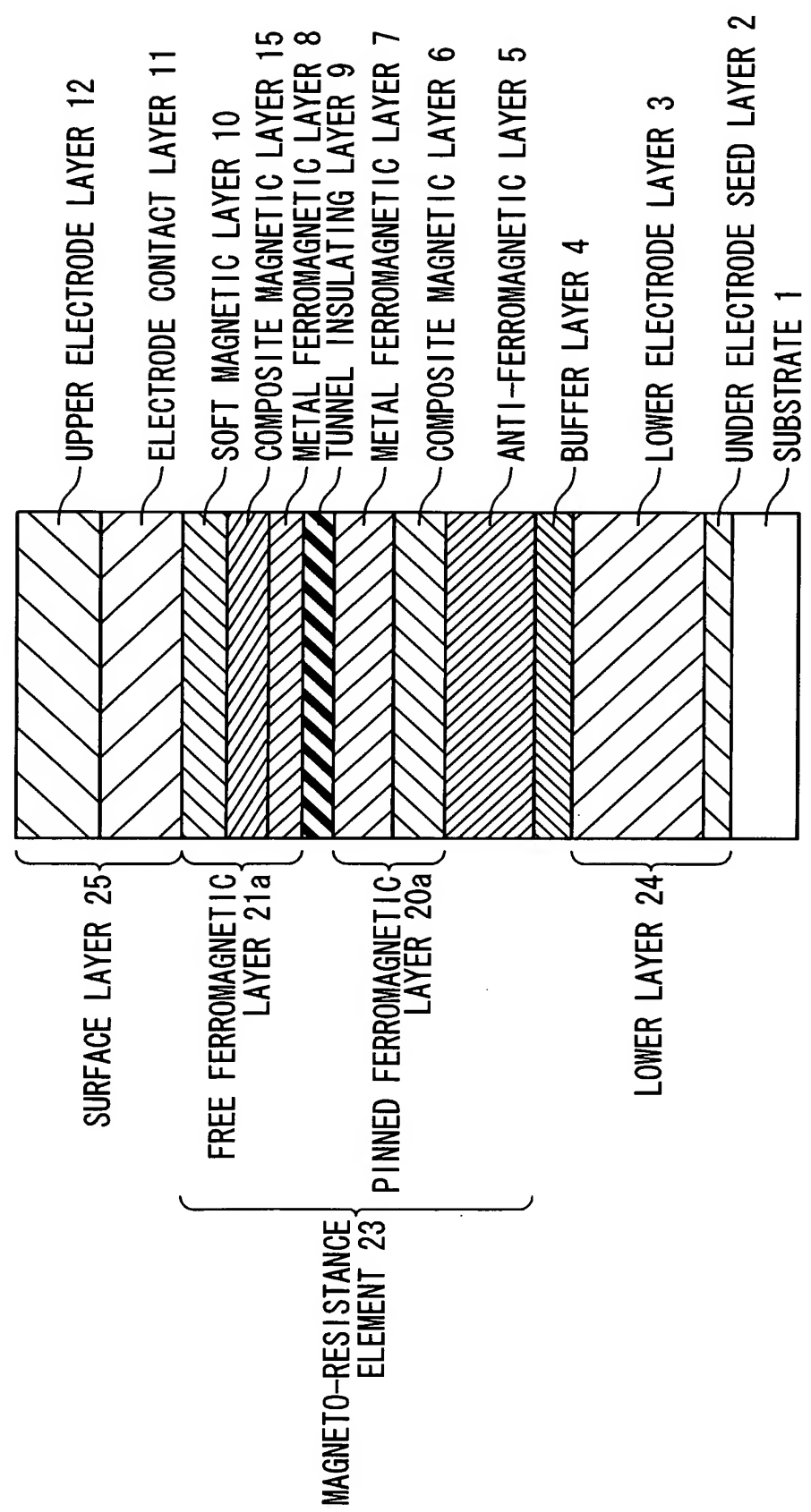


Fig. 13

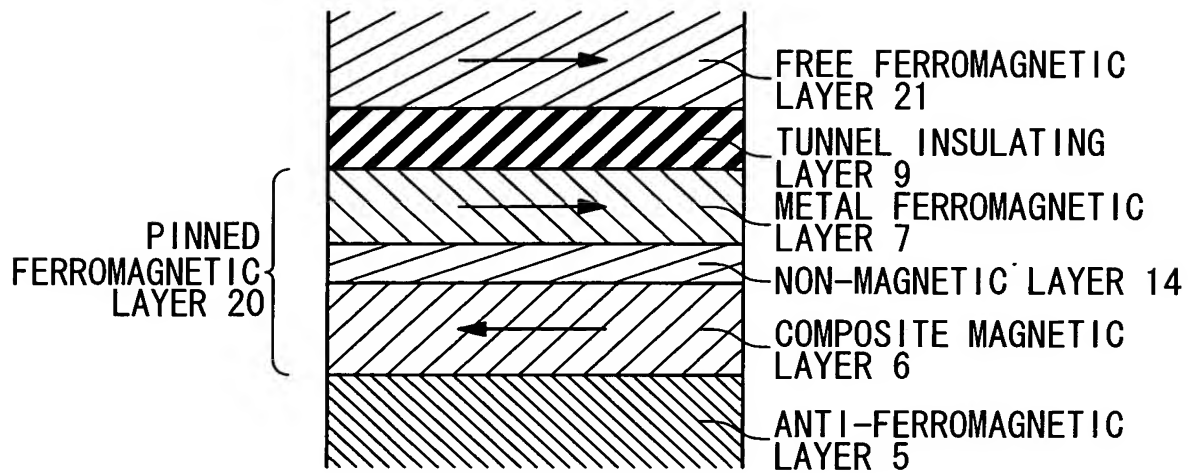


Fig. 14

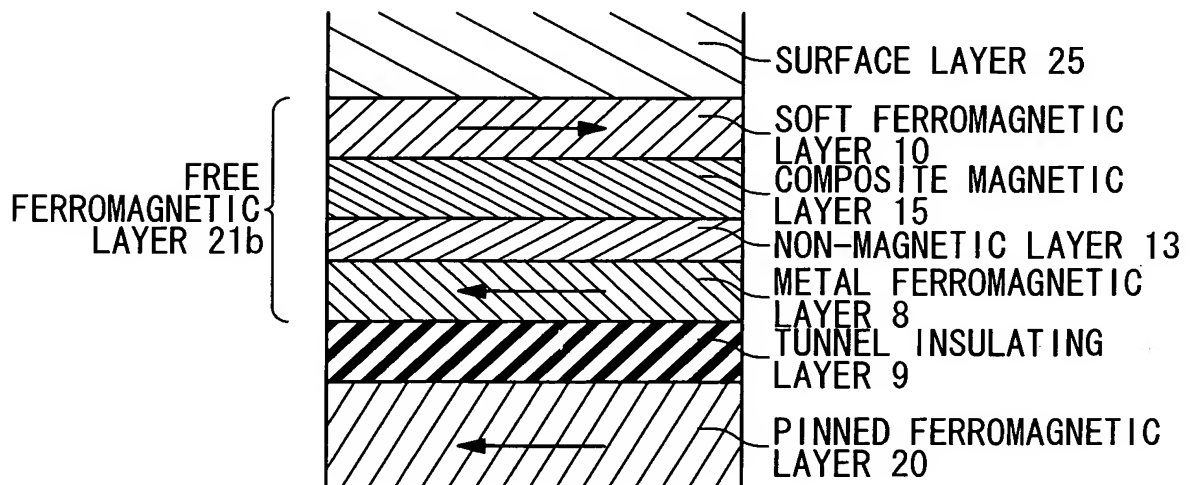


Fig. 15

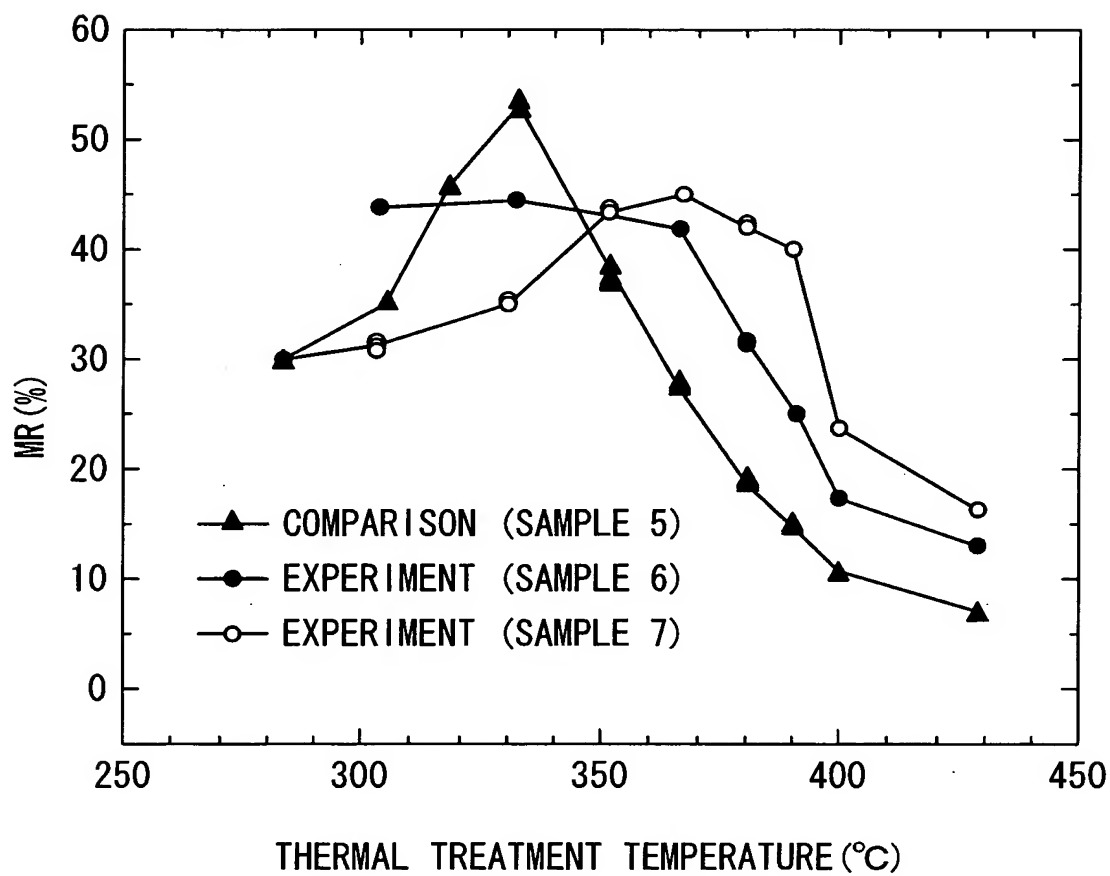


Fig. 16

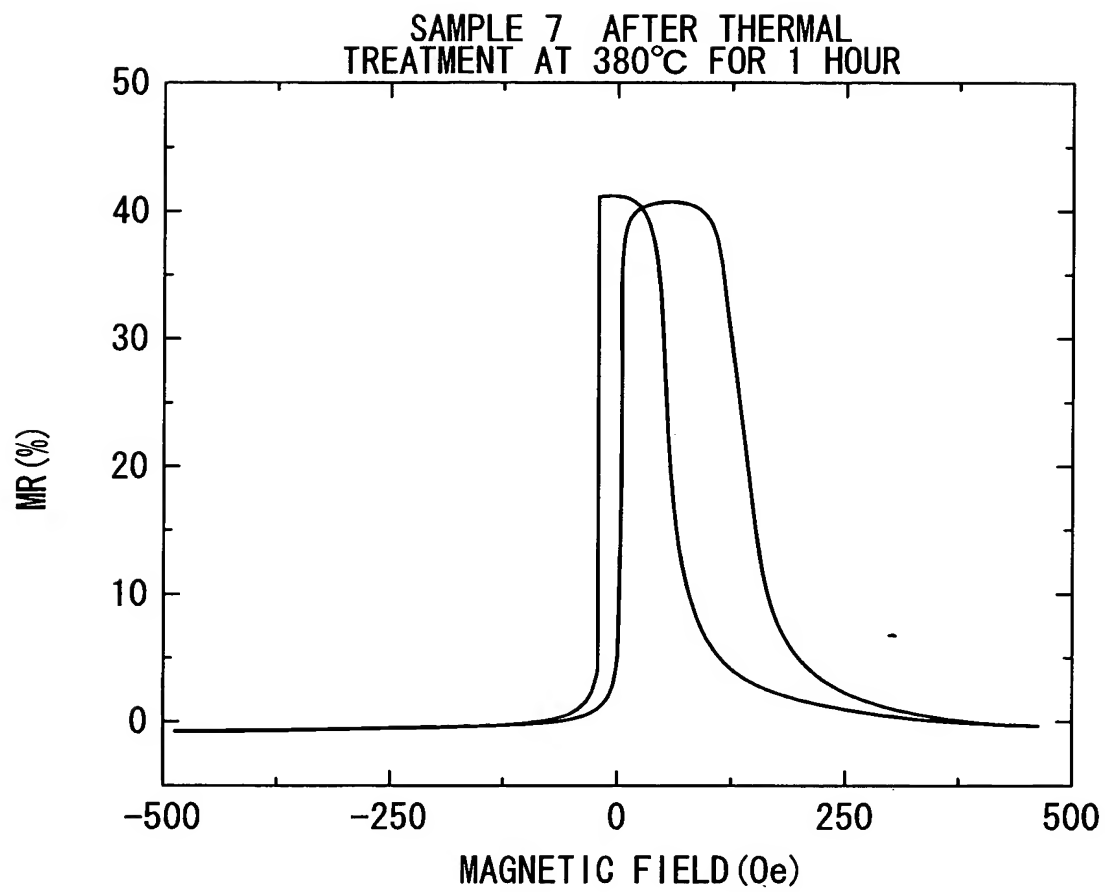


Fig. 17

SAMPLE NAME	THERMAL TREATMENT TEMPERATURE, MR RATIO (%) AND EXCHANGE COUPLING MAGNETIC FIELD Hex (Oe)							
	250°C		300°C		350°C		400°C	
	MR RATIO	Hex	MR RATIO	Hex	MR RATIO	Hex	MR RATIO	Hex
SAMPLE 8	42%	1100e	26%	1100e	15%	1130e	4%	1200e
SAMPLE 9	41%	800e	44%	850e	41%	880e	18%	920e
SAMPLE 10	39%	2300e	41%	2200e	33%	2400e	13%	3100e

Fig. 18

